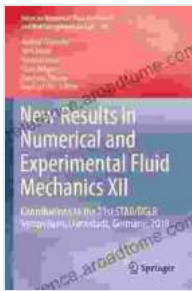


New Results In Numerical And Experimental Fluid Mechanics Xii

This book presents the latest results in numerical and experimental fluid mechanics, and identifies the state-of-the-art in these areas. The book contains selected papers presented at the 12th International Conference on Numerical and Experimental Fluid Mechanics, held in Antibes, France, on March 27-31, 2007.



New Results in Numerical and Experimental Fluid Mechanics XII: Contributions to the 21st STAB/DGLR Symposium, Darmstadt, Germany, 2007 (Notes on Numerical ... and Multidisciplinary Design Book 142)

★★★★★ 5 out of 5

Language : English
File size : 196382 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 1334 pages



The book is divided into 12 parts, each of which covers a different area of fluid mechanics. The parts cover:

- Numerical methods for fluid dynamics
- Experimental methods for fluid dynamics
- Turbulence
- Combustion
- Multiphase flows

- Fluid-structure interaction
- Heat transfer
- Rarefied gas flows
- Geophysical flows
- Industrial flows
- Biological flows

The book is a valuable resource for researchers, practitioners, and students in the field of fluid mechanics.

Table of Contents

1. Numerical methods for fluid dynamics
2. Experimental methods for fluid dynamics
3. Turbulence
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6. Fluid-structure interaction
7. Heat transfer
8. Rarefied gas flows
9. Geophysical flows
10. Industrial flows
11. Biological flows

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- J. Périaux
- K. Nakayama
- O. Gicquel
- P. Sagaut
- W. Habashi

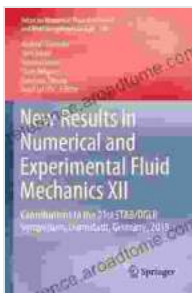
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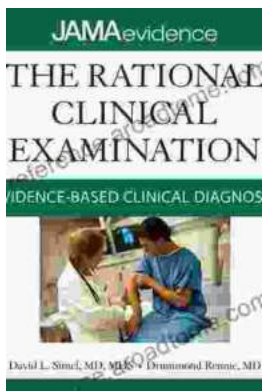
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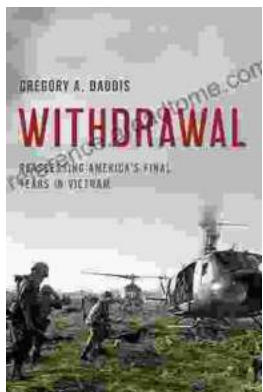
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